

IFU

00862.023408.

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
HIDEO HORIGOME) Examiner: Yalkew Fantu
Application No.: 10/758,192) Group Art Unit: 2838
Filed: January 16, 2004)
For: ELECTRIC CHARGING)
APPARATUS, ELECTRONIC)
APPARATUS AND ELECTRONIC)
CHARGING CONTROL METHOD : May 3, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449. Copies of documents (5) to (27) are enclosed.

- (1) U.S. Patent No. 5,563,493
- (2) U.S. Patent No. 5,721,481
- (3) U.S. Patent No. 5,731,683
- (4) U.S. Patent No. 6,229,280
- (5) JP 4-317526
- (6) JP 5-284659
- (7) JP 6-183103
- (8) JP 6-217464
- (9) JP 6-327162
- (10) JP 8-149718
- (11) JP 8-251830
- (12) JP 9-9624
- (13) JP 9-297166

- (14) JP 10-217578
- (15) JP 10-285826
- (16) JP 11-138951
- (17) JP 11-266543
- (18) JP 2000-184614
- (19) JP 2000-253591
- (20) JP 2000-287377
- (21) JP 2001-186676
- (22) JP 2001-215262
- (23) JP 2002-59615
- (24) JP 2002-124226
- (25) JP 2002-228731
- (26) JP 2004-229449

- (27) "Dual Battery Charger for External Notebook Computer Options"
IBM Technical Disclosure Bulletin, Vol. 38 No. 4, (1995.04), p.
433-434

Documents (5) to (14), (16), (18), (19), (21) to (24), (26) and (27) were cited during prosecution of a Japanese patent application corresponding to the above U.S. application. A copy of the Japanese Office Action, which is dated February 13, 2007, is enclosed.

Documents (5), (15), (17), (20), (23) and (25) were cited during prosecution of a different Japanese patent application corresponding to the above U.S. application. A copy of the other Japanese Office Action, which is dated February 16, 2007, is enclosed.

In view of the above dates, it is hereby certified under 37 C.F.R. § 1.97(e) that each document in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

English-language abstracts accompany each of documents (5) to (26). It is also noted that document (1) is an English-language counterpart for document (8), document (2) is an English-language counterpart for document (11), document (3) is an English-language counterpart for document (10) and document (4) is an English-language counterpart for document (17).

Additionally, it is noted that U.S. Patent No. 5,448,153 is an English-language counterpart for document (6), U.S. Patent No. 6,412,900 is an English-language counterpart for document (16), and U.S. Patent Application Publication No. 2004/0150368 is an English-language counterpart for document (26). These U.S. patent references were previously cited in the Information Disclosure Statement dated September 23, 2004 and are therefore not being cited again herein.

It is also noted that U.S. Patent No. 6,424,124 is an English-language counterpart for document (21), U.S. Patent No. 6,522,361 is an English-language counterpart for document (13), and U.S. Patent No. 6,624,610 is an English-language counterpart for document (19). These U.S. patent references were previously cited in the Information Disclosure Statement dated December 6, 2005 and are therefore not being cited again herein.


In addition, it is noted that U.S. Patent No. 5,525,888 is an English-language counterpart for document (9); U.S. Patent No. 5,631,677 is an English-language counterpart for document (7), and U.S. Patent No. 6,563,766 is an English-language counterpart for document (22). These U.S. patent references were previously cited in the Information Disclosure Statement dated February 28, 2006 and are therefore not being cited again herein.

The concise explanation of relevance for each of non-English language documents (5) to (26) is believed to be satisfied by the enclosed English-language abstracts and the English-language counterparts. See MPEP § 609.

The Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449 and returning the initialed form to Applicant with the next communication.

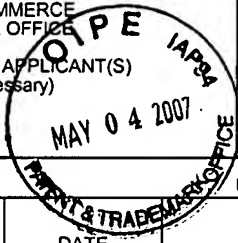
Applicant's undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 00862.023408.		APPLICATION NO. 10/758,192	
				APPLICANT HIDEO HORIGOME		FILING DATE January 16, 2004	
				GROUP 2838			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,563,493	10/1996	Matsuda, et al.	320	6	
		5,721,481	02/1998	Narita, et al.	320	34	
		5,731,683	03/1998	Nakanishi	320	2	
		6,229,280	05/2001	Sakoh, et al.	320	106	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		4-317526	11/1992	Japan			Abstract
		5-284659	10/1993	Japan			Abstract
		6-183103	07/1994	Japan			Abstract
		6-217464	08/1994	Japan			Abstract
		6-327162	11/1994	Japan			Abstract
		8-149718	06/1996	Japan			Abstract
		8-251830	09/1996	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		"Dual Battery Charger for External Notebook Computer Options" IBM Technical Disclosure Bulletin, Vol. 38 No. 4, (1995.04), p. 433-434					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTB 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 00862.023408.		APPLICATION NO. 10/758,192		
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		9-9624	01/1997	Japan			Abstract
		9-297166	11/1997	Japan			Abstract
		10-217578	08/1998	Japan			Abstract
		10-285826	10/1998	Japan			Abstract
		11-138951	05/1999	Japan			Abstract
		11-266543	09/1999	Japan			Abstract
		2000-184614	06/2000	Japan			Abstract
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		2001-186676	07/2001	Japan			Abstract
		2001-215262	08/2001	Japan			Abstract
		2002-59615	02/2002	Japan			Abstract
		2002-124226	04/2002	Japan			Abstract
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